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07451.0005-08000 Atty Docket No. APR 1 9 20 Karl L. GINTER & al.	Serial No. LED
Applicant	- 1919 278A
December 17, 1999 Filing Date	<del>2787</del> —2/32 Group

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Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
· gp	3,573,747 <i>f</i>	04/71	Adams et al.	340	172.5	02/24/1868
90	3,609,697 <i>A</i>	09/71	Blevins	3 60	172.5	10/21/1968
30	3,796,830 <sub>A</sub>	03/74	Smith	178	22	11/02/1971
go	3,798,359 A	03/74	Feistel	178	22	06/30/1971
gn_	3,798,360	03/74	Feistel	178	22	06/30/187/
gn	3,798,605 д	03/74	Feistel	340	172.5	06/30/97/
- PM	3,806,882 A	04/74	Clarke	340	172.5	11/13/1972
AP	3,829,833 д	08/74	Freeny Tr.	340	1480	10/24/1972
gn	3,906,448 🐧	09/75	Henriques	340	1491	08/01/1974
00	3,911,397 A	10/75	Freeny Jr.	340	147/10	05/09/1974
- BD	3,924,065 A	12/75	Freeny 50	178	66R	04/05/1974
00	3,931,504 A	01/76	Jacoby	235	153 R	12/14/973
80	3,946,220 (-)	. 03/76	Brobeck et al.	235	(68	06/10/1974
ap	3,956,615 A	05/76	Anderson et al.	235	61.77	06/25/1974
	3,958,081 A	05/76	Ehrsam et al.	178	22	02/24/1975
	3,970,992 ₳	07/76	Boothroyd et al.	340	172.5	06/25/1874
gn	4,048,619 A	09/77	Forman et al.	740		09/07/1976
<i>9p</i>	4,071,911 A	01/78	Mazur	364		04/08/1976
00	4,112,421 A	09/78	Freeny , Jr.	343	in	0416/1925

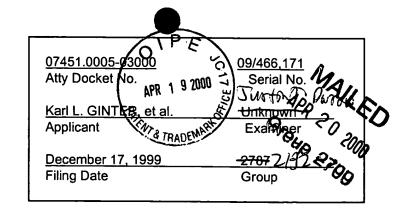
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not

in conformance and not considered. Include copy of this form with next communication to applicant.

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## INFORMATION DISCLOSURE STATEMENT (Use Several Sheets if Necessary)



#### **U.S. PATENT DOCUMENTS**

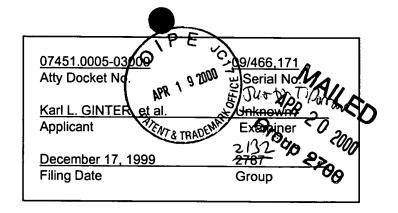
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go.	4,120,030 A	10/78	Johnstone	364	200	63/11/17
<i>PD</i>	4,163,280 A	07/79	Mori et al.	364	200	06/17/1977
- M	4,168,396 A	09/79	Best	178	22	10/31/1977
Jp	4,196,310 A	04/80	Forman et al.	100	22	11/03/1977
- pp	4,200,913 A	04/80	Kuhar et al.	784	900	04/13/1977
<i>P</i>	4,209,787 A	06/80	Freeny $\mathcal{J}_{\mathcal{C}}$	343	112R	08/31/1976
AD	4,217,588 A	08/80	Freeny Tr.	343	1120	03/16/1978
	4,220,991	09/80	Hamano et al.	364	204	09/21/1978
70	4,232,193 A	11/80	Gerard	(79	1.SR	05/03/1978
<i>DD</i>	4,232,317 /	11/80	Freeny, Tr.	343	112R	11/01/1978
DD	4,236,217 A	11/80	Kennedy	364	483	04/20/1979
- PD	4,253,157 A	02/81	Kirschner et al.	364	200	09/29/1978
<b>1</b> 00	4,262,329 A	04/81	Bright et al.	364	200	03/27/1978
20	4,265,371 A	05/81	Desai et al.	222	70	60/06/1978
	4,270,182 A	05/81	Asija	364	900	12/20/1974
gn	4,278,837 д	07/81	Best	178	22.09	06/04/19
60	4,305,131 A	12/81	Best	36×	521	03/31/1200
00	4,306,289 A	12/81	Lumley	364	200	02/04/1880
<u>go</u>	4,309,569 A	01/82	Merkle	ITP	22.08	

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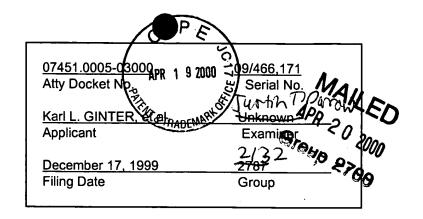
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90	4,319,079	03/82	Best	178	2209	0/17/1280
- Or	4,323,921	04/82	Guillou	326	1/4	01/23/17/10
M	4,328,544 👌	05/82	Baldwin et al.	364	705	01/04/1980
- M	4,337,483 A	06/82	Guillou	328	114	0//3//1980
- Op	4,361,877 A	11/82	Dyer et al.	364	900	02/05/1/800
90	4,375,579 A	03/83	Davida et al.	N	22.10	0//30/1980
90	4,433,207 A	02/84	Best	178	22.69	02/10/198/
- B	4,434,464 A	02/84	Suzuki et al.	364	200	03/3/1/881
90	4,442,486 A	04/84	Mayer	367	200	11/25/1981
gp .	4,446,519 <b>/</b> }	05/84	Thomas	364	200	05/26/1919
90	4,454,594 A	06/84	Heffron et al.	364	900	1/125/1801
go	4,458,315 🐧	07/84	Uchenick	364	200	02/25/1982
gp	4,462,076 A	07/84	Smith, TI	364	200	06/04/1982
go	4,462,078 A	07/84	Ross	364	300	08/02/1892
go	4,465,901	08/84	Best	(70	22.08	
- OD	4,471,163 Д	09/84	Donald et al.	178	22.08	, ,
De	4,484,217 A	11/84	Block et al.	350	84	05/11/1982
SP	4,494,156 A	01/85	Kadison et al.	360	48	05/14/1802
aD	4,513,174 A	04/85	Herman	17.0	22.08	, , , , , , , , , , , ,

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## INFORMATION DISCLOSURE STATEMENT (Use Several Sheets if Necessary)



#### **U.S. PATENT DOCUMENTS**

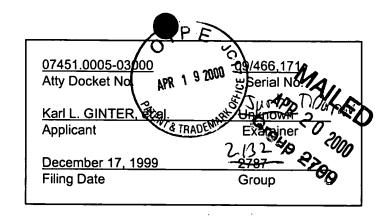
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go_	4,528,588 A	07/85	Lofberg	35P	122	05/10/1982
M	4,528,643 A	07/85	Freeny, Jr.	764	900	0//18/1983
go	4,553,252 A	11/85	Egendorf	371	5	12/08/1982
- BD	4,558,176 A	12/85	Arnold et al.	178	22.08	09/20/1902
- P	4,558,413 ቶ	12/85	Schmidt et al.	36%	700	(1/21/1983
	4,562,306 A	12/85	Chou et al.	178	22.0P	09/14/1883
(g)	4,562,495 A	12/85	Bond et al.	360	78	07/02/1804
-go	4,577,289 Д	03/86	Comerford et al.	764	900	12/30/1983
90	4,584,641 A	04/86	Guglielmino	364	200	08/28/1903
00	4,588,991 A	05/86	Atalla	340	025.31	03/07/1903
00	4,589,064 A	05/86	Chiba et al.	364	200	02/25/1983
	4,593,183 A	06/86	Fukatsu	235	379	05/04/1883
80	4,593,353 A	06/86	Pickholtz	364	200	02/25/1909
go	4,593,376 A	06/86	Volk	364	900	04/21/1993
P	4,595,950 A	06/86	Lofberg	32b	122	12/17/1884
gp	4,597,058 4	06/86	Izumi et al.	364	900	06/20/1982
go	4,634,807 <b>A</b>	01/87	Chorley et al.	no	22.08	08/23/1945
<u> </u>	4,644,493 <b>A</b>	02/87	Chandra et al.	364	900	09/14/1984
go	4,646,234 A	02/87	Tolman et al.	364	200	02/29/19 84

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go	4,652,990 A	03/87	Pailen et al.	364	200	(0/27/1903
90	4,658,093 A	04/87	Hellman	J. SO	25	07/11/1983
<i>M</i>	4,670,857 A	06/87	Rackman	390	4	10/26/1981
go	4,672,572 /	06/87	Alsberg	364	900	05/21/1984
Jø)	4,677,434 A	06/87	Fascenda	300	23	10/17/1984
20	4,680,731 A	07/87	Izumi et al.	364	900	05/19/1986
Jp	4,683,553 <sub>A</sub>	07/87	Mollier	300	4	02/05/1986
- BO	4,685,056 A	08/87	Barnsdale et al.	364	200	06/1/1985
M	4,688,169 A	08/87	Joshi	364	200	05/30/188
- P	4,691,350 A	09/87	Kleijne et al.	3 80	3	06/27/0996
97	4,696,034 A	09/87	Wiedemer	300	16	(0/12/1984
NO .	4,701,846	10/87	Ikeda et al.	364	200	0//1/1992
M	4,712,238 A	12/87	Gilhousen et al.	380	20	06/08/1984
90	4,713,753 A	12/87	Boebert et al.	₹64	200	02/21/1905
- PO	4,740,890 A	04/88	William	364	2.00	1422/198
gh	4,747,139 A	05/88	Taaffe	380	44	10/21/1986
Off	4,757,533 A	07/88	Allen et al.	380	25	09/11/1985
go	4,757,534 A	07/88	Matyas et al.	380	25	02/03/1987
Sp	4,757,914 A	05/98	McManis	328	84	06/06/1985

Examiner: Justin T. Darrow Date Considered: 05/13/2004	
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an	4,768,087 A	08/88	Taub et al.	308	84	06/06/1905
W	4,791,565 A	12/88	Dunham et al.	364	200	06/20/1984
<i>30</i>	4,796,181 A	01/89	Wiedemer	364	406	10/24/1986
	4,799,156 A	01/89	Shavit	364	401	10/0/1986
<i>(1)</i>	4,807,288 <sub>A</sub>	02/89	Ugon et al.	780	30	11/20/1983
99	4,817,140 ۾	03/89	Chandra et al.	3,80	4	11/05/1886
90	4,823,264 A	04/89	Deming	3/64	408	05/27/1886
A)	4,827,508	05/89	Shear	380	4	10/14/1945
30	4,858,121	08/89	Barber et al.	364	406	12/12/1986
-01)	4,864,494 A	09/89	Kobus	364	200	07/21/1986
80	4,868,877 A	09/89	Fischer	3 80	25	02/2/1880
(A)	4,903,296	02/90	Chandra et al.	300	4	11/12/1986
(P)	4,924,378 A	05/90	Hershey et al.	364	200	06/13/1900
M	4,930,073 A	05/90	Cina	764	300	06/26/1987
80	4,949,187 A	08/90	Cohen	328	332	12/11/1908
gp .	4,977,594 A	12/90	Shear	380	4	0416/1909
A)	4,999,806 A	03/91	Chernow et al.	764	800	01/04/1987
N	5,001,752 A	03/91	Fischer	300	23	10/13/1989
QD.	5,005,122 A	04/91	Griffin et al.	364	200	09/08/1987

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go	5,005,200 A	04/91	Fischer	3:80	30	03/07/1989
SP	5,010,571 A	04/91	Katznelson	380	4	08/10/1986
βΩ	5,023,907 A	06/91	Johnson et al.	380	4	09/30/1988
ρ0	5,047,928 A	09/91	Wiedemer	364	406	01/03/1989
go	5,048,085 ∱	09/91	Abraham et al.	360	23	10/06/1989
<u> </u>	5,050,213 A	09/91	Shear	380	25	08/06/1990
90	5,091,966 A	02/92	Bloomberg et al.	382	21	07/3/1/990
80	5,103,392 A	04/92	Mori	395	725	1405/1890
90	5,103,476 A	04/92	Waite et al.	380	4	11/07/1990
	5,111,390 A	05/92	Ketcham	397	725	0P/21/188P
80	5,119,493 A	06/92	Janis et al.	3 95	650	02/23/1990
go	5,126,936 A	06/92	Champion et al.	364	408	09/01/1989
80	5,128,525 A	07/92	Stearns et al.	233	454	071311,990
go	5,136,643 🕰	08/92	Fischer	280	30	12/20/1880
90	5,136,646 <del>(</del> )	08/92	Haber et al.	3,00	49	03/08/1981
20	5,136,647 A	08/92	Haber et al.	360	49	OP/02/1980
gp	5,136,716 🐧	08/92	Harvey et al.	395	800	02/08/1980
gp	5,146,575 A	09/92	Nolan	38	420	11/05/1886
) p	5,148,481 <del>A</del>	09/92	Abraham et al.	380	46	07/0//1991

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- H	5,155,680 A	10/92	Wiedemer	364	406	04/27/909
- 80	5,163,091 👌	11/92	Graziano	360	25	11/16/1990
90	5,168,147 A	12/92	Bloomberg	235	456	07/3//1890
gp	5,185,717 A	02/93	Mori	365	52	03/02/1992
90	5,201,046 A	04/93	Goldberg et al.	395	600	06/22/1994
00	5,201,047 <b>A</b>	04/93	Maki et al.	385	600	12/21/1999
ga)	5,208,748 д	05/93	Flores et al.	364	418	06/19/1989
go	5,214,702 A	05/93	Fischer	300	30	05/12/1992
go	5,216,603 A	06/93	Flores et al.	38x	418	14111980
OP	5,221,833 A	06/93	Hecht	235	484	10/27/1881
<i>O</i> 10	5,222,134 A	06/93	Waite et al.	3 90	4	04/03/1981
30	5,224,160 д	06/93	Paulini et al.	380	4	02/26/1992
m	5,224,163 A	06/93	Gasser et al.	380	30	08/28/1980
QV)	5,235,642 A	08/93	Wobber et al.	3,00	25	07/21/1982
90	5,241,671 A	08/93	Reed et al.	395	600	6/26/1989
gP	5,245,165 A	09/93	Zhang	235	454	12/27/199/
30	5,247,575 Д	09/93	Sprague et al.	380	9	04/27/1992
90	5,260,999 A	11/93	Wyman	3.00	4	09/15/1992
BO	5,263,158 A	11/93	Janis	395	600	02/10/1992

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Karl L. GINTER, et al.
Applicant

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Qo	5,265,164	11/93	Matyas et al.	380	30	10/3/1/99/
20	5,276,735 A	01/94	Boebert et al.	300	21	04/17/092
go	5,280,479 A	01/94	Mary	370	85.6	06/11/992
<i>g</i> O	5,285,494 A	02/94	Sprecher et al.	374	59	07/3/(1992
go	5,301,231 A	04/94	Abraham et al.	380	4	02/12/1992
go	5,311,591 A	05/94	Fischer	380	4	06(03/1993
go	5,319,705 A	06/94	Halter et al.	330	4	10/2//19926
-90	5,319,785 A	06/94	Hatter et al.	395	725	10/16/1992
90	5,335,169 A	08/94	Chong	364	408	01/27/1892
80	5,337,360 ₳	08/94	Fischer	300	27	01/05/1994
90	5,341,429 A	08/94	Stringer et al.	300	23	12/04/1992
90	5,343,527 A	08/94	Moore et al.	380	4	1012711913
- go	5,347,579 A	09/94	Blandford	380	25	02/24/88
90	5,351,293 A	09/94	Michener et al.	3 80	21	09/27/1994
90	5,355,474	11/94	Thuraisngham et al.	316	600	09/27/1891
<u>80</u>	5,373,440 <sub>Pt</sub>	12/94	Cohen et al.	364	4/0	06/04/1992
en	5,373,561 A	12/94	Haber et al.	380	49	12/1/19/2
90	5,390,247 <sub>G</sub>	02/95	Fischer	300	25	09/20/1993
00	5,390,330 A	02/95	Talati	385	700	02/11/1997

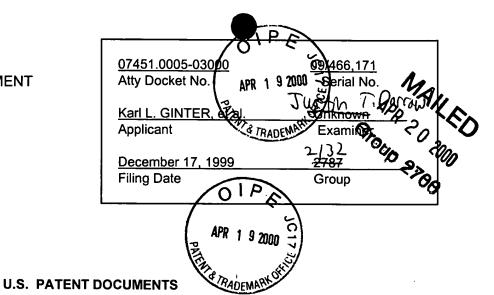
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	5,392,220 A	02/95	van den Hamer et al.	364	499	011201/994
ON .	5,392,390 A	02/95	Crozier	315	161	04/10/1992
90	5,394,469 ₼	02/95	Nagel et al.	380	4	02/18/1994
90	5,410,598 A	04/95	Shear	360	4	09/24/1994
<i>8</i> P	5,412,717 A	05/95	Fischer	380	4	05/15/1992
<i>QP</i>	5,418,713 A	05/95	Allen	364	403	08/05/1883
	5,421,006 Д	05/95	Jablon	325	575	04/20/1994
	5,422,953 A	06/95	Fischer	300	23	05/05/1993
	5,428,606 A	06/95	Moskowitz	370	60	06/30 1993
	5,438,508 A	08/95	Wyman	364	401	09/12/1984
- DP	5,442,645 (	08/95	Ugon	371	20.1	10/24/1994
<i>QD</i>	5,444,779 A	08/95	Daniele	380	3	07/29/1994
	5,449,895 A	09/95	Hecht et al.	532	49.4	142211883
	5,449,896 A	09/95	Hecht et al.	235	494	2/22/193
<i>y</i> 0	5,450,493 A	09/95	Maher	300	30	129/1493
90	5,453,601 A	09/95	Rosen	235	379	11/10/1991

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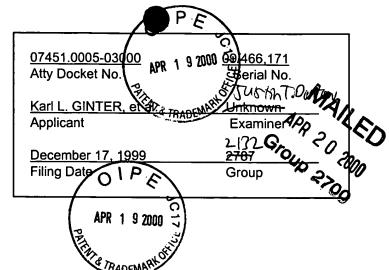
Faucher et al.

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-gp	5,455,953 A	10/95	Russell	38	379	11/63/1983
AN	5,457,746 A	10/95	Dolphin	300	4	12/18/1994
(gr)	5,458,494 <b>A</b>	10/95	Krohn et al.	434	336	08/23/1983
an)	5,463,565 A	10/95	Cookson et al.	364	514R	10/29/1993
	5,473,687 A	12/95	Lipscomb et al.	380	4	1429/1993
	5,473,692 A	12/95	Davis	380	25	09/11/11/14
910	5,479,509 ∱	12/95	Ugon	3 BO	23	04/06/1994
- P	5,485,622 A	01/96	Yamaki	322	(86	08/25/1992
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## INFORMATION DISCLOSURE STATEMENT (Use Several Sheets if Necessary)

O7451.0005-03000
Atty Docket No.
APR 1 9 2000
Serial No.

Karl L. GINTER et al.
Applicant

December 17, 1999
Filing Date

O9/466,171
Serial No.

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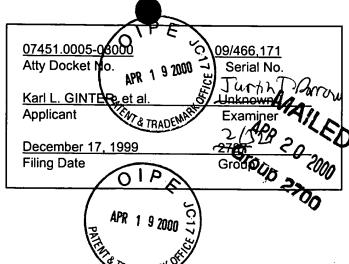
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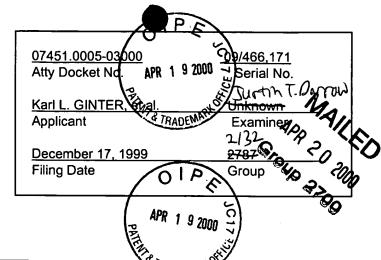
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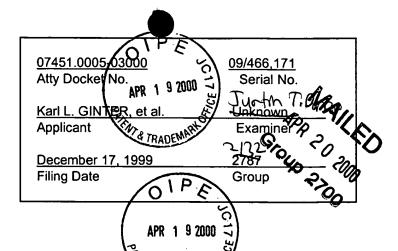
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Ø)	WO 94/22266 A7_	09/94	PCT	HOYN	5/9/		
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go_	WO 96/21/192 AI	07/96	PCT	CO6F	17/60		
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Sp	WO 97/03423 A	01/97	РСТ	6-06F	19/00		
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00	GB-A2136175 A	09/84	United Kingdom	1+0317	13/24		
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Karl L. GINTER, et al.
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December 17, 1999
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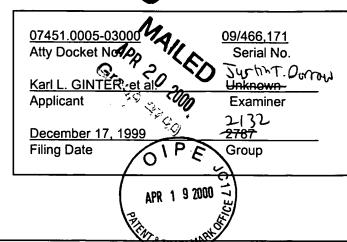
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 Karl L. GINTER, et al.
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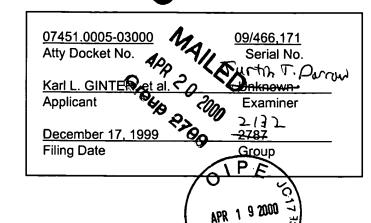
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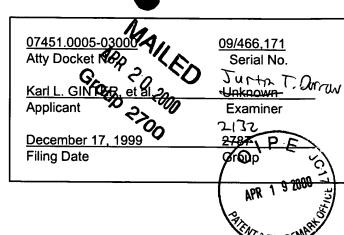
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O7451.0005-03000
Atty Docket No.

Karl L. GINTER, et al.
Applicant

December 17, 1999
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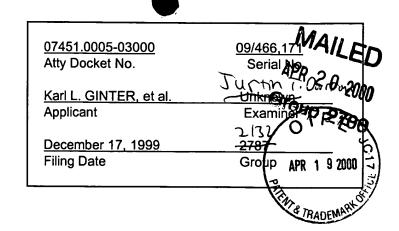
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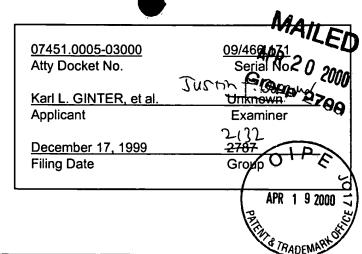
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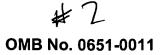
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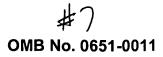
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Atty. Docket No.	. 07451.0005-03000	Serial No.	09/466,171
Applicant	Karl L. GINTER et al.		
Filing Date	December 17, 1999	Group:	Not Yet Assigned 2/72

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Atty. Docket No	0. 07451 <sub>R</sub> 0003-03000	Serial No.	09/466,171	
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